Nova Scotia

90-05062/

ANNUAL REPORT

for the fiscal year ending March 31, 1988

Department of Labour

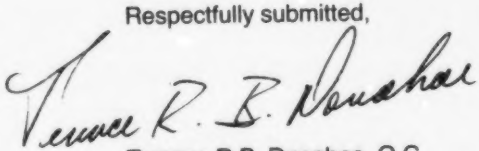
Fire Marshal

To His Honour
The Honourable Alan R. Abraham, C.D.
Lieutenant Governor of Nova Scotia
Halifax, Nova Scotia

May It Please Your Honour:

The undersigned has the honour to present the Annual Report of the Fire Marshal, Department of Labour, for the fiscal year ending March 31, 1988.

Respectfully submitted,



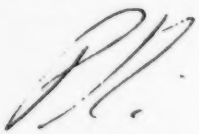
Terence R.B. Donahoe, Q.C.
Minister of Labour

The Honourable Terence R.B. Donahoe, Q.C.
Minister of Labour
Province of Nova Scotia
Halifax, Nova Scotia

Dear Sir:

I have the honour to present the 1987–88 Annual Report of the Fire Marshal as directed by the Fire Prevention Act.

Respectfully submitted,



P.F. Langlois
Acting Fire Marshal

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ANNUAL REPORT
OF THE FIRE MARSHAL
for the fiscal year ending March 31, 1988

Loss of Life and Injuries

Fire claimed the lives of 36 persons during the 12 month period ending March 31, 1988—24 men, 11 women and 1 child.

The following were reported as the main known causes of fire involving the loss of life:

- Careless handling of smoking material accounted for 9 deaths or 24 percent.
- Construction, design or installation deficiency of heating appliances accounted for 11 deaths, or 30 percent.

Thirty-four fire fatalities occurred in residential properties—25 in single family dwellings, two in apartments, two in mobile homes, four in unclassified residences and one in a rooming house.

Fire also injured 73 persons during the year, including 36 firefighters.

Property Loss

The recorded fire loss occurring in the province of Nova Scotia for the fiscal year was placed at $19,968,910 as a result of 2,323 fires. This compares with a fire loss of $22,786,732 and 2,450 fires in the previous fiscal year.

During the fiscal year, eight fires accounted for $4,541,301 or 23 percent of the total monetary loss.

Main Causes of Fires

The following are listed as the reported main known causes of fires.

- Heating Equipment—799 fires with a monetary loss of $3,104,960
- Arson or "Set Fires"—230 fires with a monetary loss of $2,237,129
- Cooking Equipment—202 fires with a monetary loss of $1,486,070

- Smoker's Materials and Open Flame—191 fires with a monetary loss of $3,289,483

- Electrical Distribution Equipment—125 fires with a monetary loss of $1,903,072

- Electronic Equipment—85 fires with a monetary loss of $879,050

There were 805 undetermined fires with a monetary loss of $8,597,787.

Fire Investigations

Investigations were conducted into all reported fires by the fire chiefs, municipal police, Royal Canadian Mounted Police, Insurance Crime Prevention Bureau and the Fire Marshal's staff.

A total of 230 fires with losses of $2,237,129 were attributed to arson or suspected incendiary fires. This compares to 205 fires with a monetary loss of $3,694,354 in the previous fiscal year.

Only 3 arson charges were laid involving a monetary loss of $38,000 compared to 15 arson charges and a monetary loss of $335,196 in the previous fiscal year.

During the year, 141 fire and police personnel attended the Fire Investigation School, 61 for Level I and 80 for Level II.

Fire Prevention Activities

The following highlights the principal activities carried out by the Office of the Fire Marshal for the fiscal year ending March 31, 1988.

Inspections

Assembly	410
Business and Personal Service	156
Electrical	73
Institutional	326
Lightning Rod Installations	3
L.P. Gas Installations	802
Mercantile	89
Residential	253

Special	36
Sprinkler Systems	138

Plan Examinations

Buildings	888
Electrical Installations	4
L.P. Gas Systems	443
Sprinkler Systems	127

Meetings Attended

Architectural	760
Banquets and Association Meetings	35
Electrical	52
Fire Chiefs	165
L.P. Gas	278
Sprinkler	51
Government, Municipal, Civic	82
Other Meetings Concerning Fire Safety	57

Fire and Life Safety Training Sessions Conducted

Fire Service	31
Industry	4
Institutional	22
Others	6

Attended Seminars 13

Fire Investigations Conducted 164

Court Appearances 10

Display Booth for Fire Safety 3

South Shore Exhibition
C.F.B. Shearwater Air Show
Cape Breton County Exhibition

Appearances on Cable Television to Present Fire Prevention Messages 5

The L.P. Gas Board of Examiners was very active during the year in certifying persons working in the propane industry. A total of 318 applicants wrote 321 examinations and the Board of Examiners held 21 meetings.

Summary

In reviewing the fire losses for this fiscal year compared with 1987, it is noted that the number of fires decreased by 97 and the total monetary loss also decreased by $3,632,010 or just over 8 percent.

The Province of Nova Scotia has a $22.87 loss per capita, also a decrease of $4.77 per capita compared to the last fiscal year.

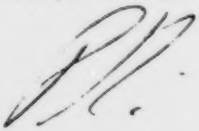
It is indeed sad to say that the increase in the loss of life to fire is well above last year, set at 20 persons and above our ten year average of 28. This is due, in my view, to the lack of care and maintenance of installed smoke alarms or the lack of these life saving devices being installed.

My sincere appreciation is extended to the fire departments, industrial brigades and other fire protection services for the excellent co-operation received during the year. I would like to thank all municipal authorities, insurance companies, Insurance Crime Prevention Bureau, officers and members of the Royal Canadian Mounted Police and municipal police forces, the press and television stations for their excellent co-operation during the year.

A special thanks to the Halifax County Fire Fighters Association who organized and ran a very successful fire prevention program in the Halifax County School System.

I also express my appreciation to the officers and members of the Canadian Armed Forces for their assistance to the fire service, also to the people of Nova Scotia, who in so many ways assisted in fire prevention and protection.

Respectfully submitted,



P.F. Langlois
Acting Fire Marshal

TABLE I
TYPE OF PROPERTY WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1987 to March 31, 1988)

	Deaths				Injuries				
Property Class	**Men**	**Women**	**Children**	**Total**	**Men**	**Women**	**Children**	**Firefighters**	**Total**
Church, Funeral Parlour	1			1				1	1
Food or Beverage Establishment	15	9	1	25	11	5	4	9	29
One & Two Family Dwellings	1	1		2	4		1	16	21
Apartment, Tenement, Flat	1			1	1				1
Rooming, Boarding, Lodging House, Hostel								1	1
Hotel, Inn, Lodge								1	1
Dormitory	2			2	1				1
Mobile Home, Trailer	3	1		4					
Miscellaneous—Residential					2	2		3	7
Miscellaneous—Mercantile								2	2
Industrial Manufacturing					2				2
Storage Properties								1	1
Under Construction or Demolition—Vacant					2			2	4
Ground Transport Vehicle	1			1	1	1			2
Miscellaneous									
Total	24	11	1	36	24	8	5	36	73

TABLE II
IGNITING OBJECT WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1987 to March 31, 1988)

	Deaths				Injuries				
Igniting Object	**Men**	**Women**	**Children**	**Total**	**Men**	**Women**	**Children**	**Firefighters**	**Total**
Cooking Equipment: Stove, Range	2	1		3				1	1
Unclassified					4	2			6
Heating Equipment: Heating Units	5	2		7	7	3	2	4	16
Fireplace	2	1		3	1		1	2	4
Chimneys	1			1					
Unclassified					1			1	2
Appliances & Equipment: Unclassified					1			1	2
Electrical Distribution Equipment: Electric Components		1		1	1		1	1	3
Other Electrical Equipment: Incandescent & Fluorescent Lamp								2	2
Unclassified								1	1
Smoker's Material & Open Flame: Smoker's Material	5	4		9	2	1	1		4
Match, Lighter, Candle, Taper								1	1
Cutting, Welding, Various Torches								2	2
Hot Ashes, Embers	1		1	2					
Unclassified								1	1
Miscellaneous	8	2		10	7	2		19	28
Total	24	11	1	36	24	8	5	36	73

TABLE III

ACT OR OMISSION WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1987 to March 31, 1988)

Act or Omission	Deaths				Injuries				
	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
Suspected Incendiary	1			1				1	1
Misuse of Source of Ignition: Smoker's Material	5	4		9	2	1	1		4
Child Playing with								1	1
Welding, Cutting, Thawing								1	1
Unclassified					2			2	4
Misuse of Material Ignited: Misuse of Flammable Liquid					1				1
Improper Storage or Container	3	1		4	1	1			2
Overheated Cooking Oil, Grease, Wax	2			2				1	1
Mechanical/Electrical Failure/Malfunction:									
Failure of Part, Control or Worn Out					1				1
Electrical Short Circuit					1				1
Unclassified	3	2		5	3	3	3	4	13
Construction, Design or Installation Deficiency		1		1	1		2		3
Unclassified	1	1		2	1		1		2

TABLE III

ACT OR OMISSION WHERE LOSS OF LIFE AND/OR INJURIES RESULTED FROM FIRE
(April 1, 1987 to March 31, 1988)
Continued

Act or Omission	Deaths				Injuries				
	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
Misuse of Equipment					1				1
Human Failing: Unclassified					2			3	5
Vehicle Accident						1			1
Unclassified	9	2	1	12	8	2		21	31
Total	24	11	1	36	24	8	5	36	73

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)

Location	No. of Fires	Insured Loss	Uninsured Loss
Annapolis County			
Annapolis County (unclassified areas)	6	$ 19,069	$ 400
Annapolis Royal	2	13,743	11,176
Bridgetown	5	29,015	75,100
Lawrencetown & District	16	4,911	115,947
Margaretville	7	10	0
Middleton	14	130,304	27,400
Nictaux	0	0	0
Port Lorne & District	0	0	0
Springfield	0	0	0
SUBTOTAL	50	197,052	230,023
Antigonish County			
Antigonish County (unclassified areas)	3	1,163	400
Antigonish County	3	1,766	400
Antigonish	6	44,761	8,639
Auld's Cove	0	0	0
Four Valleys, Maryvale	1	980	200
Havre Boucher & District	4	3,779	400
Northshore	0	0	0
Pomquet	0	0	0
St. Andrew's & District	0	0	0
Tracadie & District	2	5,037	400
SUBTOTAL	19	57,486	10,439
Cape Breton County			
Cape Breton County (unclassified areas)	25	646,559	3,700
Albert Bridge Community	11	49,000	120,000
Big Pond	0	0	0
Birch Grove	0	0	0
Coxheath	1	7,750	250
District 6, Christmas Island	1	0	0
District 14, Louisbourg	0	0	0
Dominion	3	53,000	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Donkin	3	28,000	8,000
Florence	21	38,100	500
French Vale Road	0	0	0
Gabarus	4	8,000	7,000
George's River	4	122,313	0
Glace Bay	85	548,651	114,110
Grand Lake Road	0	0	0
Loch Lomond	1	10,000	0
Louisbourg	7	0	0
Marion Bridge	2	0	20,000
Mira Road	1	0	0
New Victoria	1	59,000	0
New Waterford	21	118,850	850
North Sydney	9	76,853	600
Northside East Bay	0	0	0
Port Morien	1	1,300	200
Reserve Mines	10	123,115	7,450
Scotchtown	9	101,608	19,000
South Bar & District	1	0	0
Sydney	110	248,006	10,858
Sydney Mines	21	445,077	44,129
Sydney River	3	48,000	200
Tower Road	1	0	0
Westmount	5	76,450	950
SUBTOTAL	361	2,809,632	357,797
Colchester County			
Colchester County (unclassified areas)	7	3,372	200
Bass River	1	117,000	0
Bible Hill Fire Brigade	1	3,728	250
Brookfield	14	116,200	0
Cobequid District	6	26,500	0
Debert Fire Brigade	2	8,000	0
Economy Fire Brigade	0	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Five Islands District	5	8,000	0
Great Village & District	2	0	65,000
Hilden	4	70,000	0
North River & District	3	83,500	500
Onslow—Belmont	2	40,000	0
Salmon River	3	13,000	0
Stewiacke	3	12,715	100
Tatamagouche	1	0	0
Truro	26	236,614	26,700
Upper Stewiacke	0	0	0
Valley—Kemptown & District	1	52,402	0
SUBTOTAL	81	791,031	92,750
Cumberland County			
Cumberland County (unclassified areas)	11	173,765	600
Advocate & District	2	0	0
Amherst	35	511,087	1,200
Collingwood District	11	57,064	1,600
Fox River, Port Greville, Wards Brook	0	0	0
Joggins	1	0	0
Oxford	4	22,526	0
Parrsboro	4	65,991	400
Pugwash	2	85,713	0
River Hebert	4	45,763	852
Southampton	3	0	0
Springhill	4	18,188	200
Tidnish Bridge	2	600	55,000
Truemanville	2	1,175	100
Wallace	12	7,000	3,000
Wentworth	3	240,000	0
Westchester	0	0	0
SUBTOTAL	100	1,228,872	62,952

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Digby County			
Digby County (unclassified areas)	20	307,155	38,018
Bear River	1	3,000	0
Brighton & Barton	0	0	0
Digby	1	30,000	0
Digby Neck	0	0	0
Freeport	2	5,825	0
Havelock	1	99,712	87,500
Hectanooga	3	2,600	19,000
Little Brook	4	34,869	200
Meteghan	3	182,978	200
Plympton—Gilbert's Cove	1	0	2,000
St. Bernard's	0	0	0
Salmon River	1	15,000	5,000
Smith's Cove	0	0	0
Southville & Area	0	0	0
Tiverton	2	350	5,500
Westport	2	635	0
Weymouth	3	12,500	10,200
SUBTOTAL	44	694,624	167,618
Guysborough County			
Guysborough County (unclassified areas)	7	27,219	565
Canso	7	0	0
Chedabucto	0	0	0
District 6, Goshen	6	4,728	0
Down East Firefighters	1	0	100
Ecum Secum	0	0	0
Erinville	2	13,500	0
Guysborough	1	2,255	0
Harbourview	10	0	0
Hazel Hill & District	0	0	0
Liscomb	0	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Little Dover	1	500	0
Manchester—Boylston	6	13,803	600
Mulgrave	4	605	0
St. Mary's District Firemen's Association	0	0	0
Seashore	1	0	0
Seven Communities	0	0	0
Tor Bay	0	0	0
Whitehead	0	0	0
SUBTOTAL	46	62,610	1,265
Halifax County			
Halifax County (unclassified areas)	24	40,157	1,300
Bay Road, District 3	1	0	0
Beaverbank—Kinsac	10	12,900	100
Bedford	24	299,292	4,450
Chezzetcook, Head Chezzetcook	15	83,630	35,200
Dartmouth	136	245,859	10,850
District 1, Black Point	2	17,000	0
District 4, Terence Bay	2	100,000	0
District 8, Echo Terrace	15	169,483	0
District 9A, Porter's Lake	15	28,391	450
District 10 East, Oyster Pond—Jeddore	10	8,000	0
Dutch Settlement	0	0	0
Eastern Halifax County	1	0	0
Eastern Passage/Cow Bay (District 6)	21	162,646	300
Goff's	4	31,500	0
Grand Lake—Oakfield	4	0	0
Halifax	307	2,046,038	10,520
Hammonds Plains	1	0	0
Harrietsfield—Sambro	3	66,709	0
Hatchet Lake	9	261,000	0
Herring Cove & District	0	0	0
Hubbards & District	0	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Lakeside	0	0	0
Lakeview—Windsor Junction—Fall River	0	0	0
Meagher's Grant	0	0	0
Middle Musquodoboit	7	0	750
Mooseland	1	4,629	0
Musquodoboit Harbour	14	7,620	0
Ostrea Lake & Pleasant Point	0	0	0
Sackville & District	51	543,464	3,100
Seabright & District	0	0	0
Sheet Harbour	12	3,000	3,000
Tangier	1	0	0
Three Harbours	0	0	0
Upper Hammonds Plains	0	0	0
Upper Musquodoboit	1	4,000	0
Waverley	12	63,237	32,963
Wellington—Lake Fletcher	3	55,606	100
Westphal—Cole Harbour (District 7–7A)	85	1,728,432	385
SUBTOTAL	791	5,982,593	103,468
Hants County			
Hants County (unclassified areas)	17	509,766	3,000
Brooklyn	8	59,158	25,200
Cooks Brook & District Fire Brigade	0	0	0
Elmsdale & District	5	3,999	0
Enfield	3	597,000	555,157
Gore District	1	15,000	0
Hantsport	2	112,079	200
Kennetcook District	5	3,608	10,000
Lantz	3	5,092	200
Maitland & District	0	0	0
Milford	1	85,000	0
Moosebrook—Minasville	1	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Nine Mile River Fire Protection Club	0	0	0
Noel & District	1	0	0
Shubenacadie & District	2	8,780	100
Summerville & District	1	60,000	11,000
Uniacke & District	25	13,300	200
Upper Rawdon	2	747	24,565
Walton Shore	1	7,800	200
Windsor	15	569,965	500
SUBTOTAL	93	2,051,294	630,322
Inverness County			
Inverness County (unclassified areas)	6	13,181	1,630
Ainslie—Upper Margaree	1	26,200	0
Cheticamp	2	3,800	0
Inverness	6	27,300	15,200
Judique	1	228	200
Mabou & District	0	0	0
Margaree	5	87,600	400
North East Margaree	1	800	0
Pleasant Bay	0	0	0
Port Hastings	7	16,500	5,500
Port Hawkesbury	1	2,786	0
Port Hood	0	0	0
Valley Mills & District	0	0	0
West Bay Road & District	1	650	100
Whycocomagh	14	6,000	200
SUBTOTAL	45	185,045	23,230
Kings County			
Kings County (unclassified areas)	15	24,761	2,630
Aylesford	28	11,118	0
Berwick	2	145,172	13,500
Canning & District	22	76,215	12,054
Greenwich	1	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Kentville	3	0	0
Kingston	4	214,166	300
New Minas	9	72,242	5,646
Port Williams	2	156,686	0
Waterville & District	3	30,040	100
Wolfville	15	51,599	2,776
SUBTOTAL	104	781,999	37,006
Lunenburg County			
Lunenburg County (unclassified areas)	23	26,707	3,613
Baker Settlement & District	0	0	0
District #1, Blandford	3	0	0
Blockhouse	4	23,465	200
Bridgewater	13	9,445	4,427
Chelsea	0	0	0
Chester	19	17,992	0
Chester Basin	9	2,460	200
Conquerall Bank	1	2,935	0
Cornwall	2	0	2,400
Crousetown	0	0	0
Dayspring & District	0	0	0
Hebbs Cross	0	0	0
Hebbville	3	11,000	0
Hemford & District	0	0	0
Indian Point	2	8,261	450
Italy Cross/Middlewood	4	0	0
Lahave & District	6	21,300	0
Lapland & District	0	0	0
Lunenburg	21	21,451	2,200
Mader's Cove	0	0	0
Mahone Bay	8	19,059	0
Maitland & District	4	47,388	0
Martin's River	4	1,374	175
Midville & District	8	2,000	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
New Germany	11	233,304	54,484
New Ross	4	53,820	100
Newcombville & District	0	0	0
Northfield	2	1,667	300
Oakhill & District	2	1,791	520
Petite Riviere	0	0	0
Pleasantville	8	800	0
Riverport & District	0	0	0
Tancook Island	1	929	172
United Communities	0	0	0
Western Shore	10	10,000	100
Wileville	2	1,779	300
SUBTOTAL	174	518,927	69,641
Pictou County			
Pictou County (unclassified areas)	10	37,726	1,224
Abercrombie	7	0	0
Alma	5	151,898	0
Barney's River District	2	1,609	0
Blue Mountain & District	0	0	0
East River Valley	1	22,000	0
Eureka	1	60,000	45,000
Linacy	3	201,000	17,200
Little Harbour	5	65,100	30,000
Merigomish & District	1	0	0
New Glasgow	9	18,001	0
Pictou	9	102,574	200
Pictou Island	1	0	0
Pictou Landing	0	0	0
Plymouth	1	0	0
River John	1	299	0
Scotsburn	7	3,854	0
Stellarton	2	103,605	0
Thorburn	1	85,000	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Trenton	24	67,428	200
West River	0	0	0
Westville	5	30,709	5,500
SUBTOTAL	95	950,803	99,324
Queens County			
Queens County (unclassified areas)	5	7,804	2,286
Charleston	0	0	0
Greenfield & District	0	0	0
Liverpool	70	124,386	113,303
Mill Village	2	6,356	0
North Queens Fire Association Incorporated	32	114,711	200
Port Medway	3	2,399	13,300
SUBTOTAL	112	255,656	129,089
Richmond County			
Richmond County (unclassified areas)	10	831	600
District 10, Johnstown	2	0	0
Framboise—Fourchu	2	65,000	0
Grand River	0	0	0
Isle Madame	2	49,500	20,000
L'Ardoise	3	0	0
Louisdale	1	13,500	0
St. Peter's & District	26	22,000	0
SUBTOTAL	46	150,831	20,600
Shelburne County			
Shelburne County (unclassified areas)	30	114,417	6,400
Barrington	2	2,722	250
Barrington Passage District 7W	5	29,464	400
Clark's Harbour	0	0	0
District 6W, Clark's Harbour	1	0	0
District 8, Port LaTour	4	34,982	1,400

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Gunning Cove	2	12,486	14,000
Harbour	3	0	0
Ingomar—Roseway	0	0	0
Jordan	1	1,200	0
Lockeport	15	126,488	3,484
Port Clyde	3	4,508	50
Sable River	3	74,486	200
Shag Harbour—Bear Point	4	4,934	400
Shelburne	8	38,906	400
Woods Harbour Fire Department Incorporated	3	1,450	250
SUBTOTAL	84	446,043	27,234
Victoria County			
Victoria County (unclassified areas)	5	24,900	500
Baddeck	3	856	200
Big Bras D'or	6	33,000	0
Cabot	1	0	0
Ingonish	3	60,000	85,000
Iona	0	0	0
Middle River	0	0	0
Neil's Harbour—New Haven	0	0	0
North Shore & District	0	0	0
South Side Boularderie	3	20,000	0
SUBTOTAL	21	138,756	85,700
Yarmouth County			
Yarmouth County (unclassified areas)	11	7,380	280
Carleton	0	0	0
Comeau's Hill & Little River Harbour	0	0	0
Community	0	0	0
East Pubnico	0	0	0
Islands & District	2	0	0
Kemptville District	0	0	0

TABLE IV

GEOGRAPHIC DISTRIBUTION OF MONETARY LOSSES DUE TO FIRE
(April 1, 1987 to March 31, 1988)
Continued

Location	No. of Fires	Insured Loss	Uninsured Loss
Lakes & District	1	7,587	200
Lake Vaughan	0	0	0
Port Maitland	0	0	0
Quinan & District	0	0	0
Valley & District	3	3,000	0
Wedgeport—Plymouth	0	0	0
West Pubnico	1	1,505	725
Yarmouth	35	480,774	15,747
SUBTOTAL	53	500,246	16,952
Federal			
SUBTOTAL	4	0	0
TOTAL	2,323	$17,803,500	$2,165,410

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Assembly				
Theatre, Studio, Auditorium	2	$ 598	$ 0	$ 598
Amusement, Recreation Place	6	309,436	250	309,686
School, College, University	14	444,051	2,500	446,551
Church, Funeral Parlour	6	92,115	1,000	93,115
Clubs, Social, Sport	4	252,600	0	252,600
Museum, Art Gallery, Library	0	0	0	0
Food/Beverage Establishment	17	33,545	200	33,745
Passenger Terminal Station	0	0	0	0
Miscellaneous	3	165,000	1,000	166,000
SUBTOTAL	52	1,297,345	4,950	1,302,295
Institutional				
Prison, Jail, Reformatory	2	100	0	100
Home for Aged	6	550	0	550
Child Care	0	0	0	0
Hospital, Sanatorium, Clinic	9	41,969	11,300	53,269
Miscellaneous	2	16,020	100	16,120
SUBTOTAL	19	58,639	11,400	70,039

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)
Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Residential				
One & Two Family Dwellings	956	7,368,651	1,008,147	8,376,798
Apartment, Tenement, Flat	105	957,424	35,187	992,611
Rooming, Boarding, Lodging House, Hostel	3	76,800	0	76,800
Hotel, Inn, Lodge	11	40,600	0	40,600
Motor Hotel, Motel	2	309,000	1,000	310,000
Dormitory	2	300	0	300
Mobile Home, Trailer	43	405,703	18,582	424,285
Miscellaneous	282	582,144	89,247	671,391
SUBTOTAL	1,404	9,740,622	1,152,163	10,892,785
Business & Personal Service				
Office	10	79,700	100	79,800
Personal Service	0	0	0	0
Electronic Equipment	0	0	0	0
Miscellaneous	4	9,800	200	10,000
SUBTOTAL	14	89,500	300	89,800

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)
Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Mercantile				
Food, Beverage Sale	10	188,507	1,733	190,240
Textile, Wearing Apparel Sale	0	0	0	0
Furniture, Appliance, Hardware Sales	1	1,537,000	0	1,537,000
Books, Newspapers, Drugs, Specialty Sales	1	500	0	500
Recreation, Hobby Supplies	2	500	0	500
Repair Shop, Laundry, Dry Cleaner	4	151,600	0	151,600
Motor Vehicles, Boats, Sales & Service	12	209,268	45,657	254,925
Department, Variety Store	4	7,348	2,500	9,848
Miscellaneous	5	101,001	0	101,001
SUBTOTAL	39	2,195,724	49,890	2,245,614
Industrial Manufacturing Properties				
Chemicals, Petroleum, Paints, Plastics Manufacturing/Processing	3	207,000	0	207,000
Wood, Furniture, Paper, Printing	4	594,670	510,000	1,104,670
Metal, Metal Products, Electrical Equipment & Appliances	4	60,000	45,000	105,000
Food Processing	5	72,414	38,118	110,532

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)
Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Beverage, Tobacco, Soap, Margarine	0	0	0	0
Textiles	1	0	0	0
Footwear, Wearing Apparel	1	10,000	0	10,000
Vehicles & Related Equipment	5	11,000	0	11,000
Miscellaneous	5	14,000	0	14,000
SUBTOTAL	28	969,084	593,118	1,562,202
Storage Properties				
Agricultural Products—Storage	2	20,000	0	20,000
Textiles, Fibre, Clothing—Storage	0	0	0	0
Processed Food, Beverage—Storage	1	3,000	1,000	4,000
Flammable Liquids, Gases, Petroleum Products—Storage	0	0	0	0
Wood, Furniture, Paper & Products Storage	0	0	0	0
Chemicals, Plastics, Paints—Storage	1	69,126	0	69,126
Metal Products, Machinery, Electrical Appliance—Storage	2	2,050	0	2,050
Vehicle Storage	43	372,948	6,200	379,148

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)
Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Miscellaneous	11	147,522	0	147,522
SUBTOTAL	60	614,646	7,200	621,846
Special Property				
Outdoor Property	5	3,050	0	3,050
Special Connecting Thoroughfare	2	0	0	0
Under Construction or Demolition—Vacant	16	24,600	2,000	26,600
Watercraft	9	109,250	14,250	123,500
Rail Transport Vehicle and Equipment	3	700	0	700
Ground Transport Vehicle	475	558,334	9,165	567,499
Aircraft	0	0	0	0
Special Vehicles	8	125,697	15,000	140,697
Miscellaneous	0	0	0	0
SUBTOTAL	518	821,631	40,415	862,046
Miscellaneous Property				
Laboratories	0	0	0	0
Farm Facilities	38	509,761	95,237	604,998
Miscellaneous Outbuildings	43	178,019	151,034	329,053

TABLE V

BREAKDOWN OF FIRES BY PROPERTY CLASS
(April 1, 1987 to March 31, 1988)
Continued

Property Class	No. of Fires	Insured Loss	Uninsured Loss	Total
Utility	7	90,500	0	90,500
Cement, Glass, Pottery Manufacturing	1	100,000	0	100,000
Mining, Quarrying	1	0	0	0
Communications	1	50	0	50
Nucleonics	0	0	0	0
Miscellaneous	98	1,137,979	59,703	82
SUBTOTAL	189	2,016,309	305,974	2,322,283
TOTAL	2,323	$17,803,500	$2,165,410	$19,968,910

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
General				
No igniting object	28	$21,094	$ 15,900	$ 36,994
SUBTOTAL	28	21,094	15,900	36,994
Cooking Equipment				
Stove, range—top burner area (involving fire in pan)	26	101,986	30,347	132,333
Stove, range—top burner area (involving fire in domestic deep fat fryer or pot)	101	552,086	32,810	584,896
Stove, range—top burner area (involving other circumstances)	9	61,456	0	61,456
Oven of stove, range	4	4,100	600	4,700
Chafing dish, fondue	0	0	0	0
Deep fat fryer—separate appliance	2	0	0	0
Fry pans, grills not on stove	0	0	0	0
Other cooking unit (portable, includes hot plate, camp stove, warming tray)	3	300	19,000	19,300
Open fired broiler—fixed type	0	0	0	0
Open fired broiler—portable, includes barbecue	3	1,000	200	1,200

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Food warming appliance—coffee urn, steam table, warming drawer, warming table, electric kettle, microwave oven	2	5,132	100	5,232
Toaster, waffle iron	4	66,191	33,063	99,254
Other than listed	48	530,223	47,476	577,699
SUBTOTAL	202	1,322,474	163,596	1,486,070
Heating Equipment				
Central heating unit—furnace, boiler, power broiler, stoker	55	306,826	121,000	427,826
Service water heater	2	60,000	0	60,000
Space heater—stationary	145	768,983	228,040	997,023
Space heater—portable	14	226,924	7,021	233,945
Fireplace	15	202,149	900	203,049
Chimney, masonry	445	916,967	30,653	947,620
Flue pipe, vent connector	108	202,887	19,798	212,685
Chimney, factory-built, metal	4	1,000	0	1,000
Other than listed	11	11,612	200	11,812
SUBTOTAL	799	2,697,348	407,612	3,104,960

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Appliances & Equipment				
Television, picture receiving or reproducing equipment	5	2,050	400	2,450
Radio, stereo phonograph, tape recorder	0	0	0	0
Dryer for clothes	9	14,173	446	14,619
Washing machine	1	200	100	300
Air conditioning & refrigeration equipment (central)	0	0	0	0
Air conditioning or dehumidifier (individual)	0	0	0	0
Refrigeration unit—individual	3	5,300	200	5,500
Pressing iron, ironing machine	0	0	0	0
Portable generator	1	40,000	10,000	50,000
Lawnmower	4	3,101	1,000	4,101
Snowblower	0	0	0	0
Electric blanket, heating pad	0	0	0	0
Incinerator	0	0	0	0
Other than listed	16	467,717	4,233	471,950
SUBTOTAL	39	532,541	16,379	548,920

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Electrical Distribution Equipment				
Electric wiring, cable—permanent (power line, junction box)	15	187,757	130	187,887
Transformer	0	0	0	0
Switchgear	0	0	0	0
Panelboard, switchboard (fuse, circuit breaker)	13	86,223	400	86,623
Switch, outlet (receptacle, socket)	7	152,200	1,950	154,150
Electric wiring, cable—temporary (extension/appliance cord)	12	350,128	1,600	351,728
Signal, telephone equipment (low voltage wiring)	0	0	0	0
Battery, rectifier (charger, rotary convertor)	12	4,855	0	4,855
Electrical distribution equipment—unclassified	66	1,006,790	111,039	1,117,829
SUBTOTAL	125	1,787,953	115,119	1,903,072

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Other Electrical Equipment				
Motor (1 h.p. and over)	1	0	0	0
Motor (under 1 h.p.)	1	2,000	0	2,000
Electronic equipment—communications	0	0	0	0
Electronic equipment; data processing—digital & analog computer, electronic sorting equipment, electronic data processing equipment	0	0	0	0
Incandescent lamp, lightbulb	13	93,852	500	94,352
Fluorescent lamp	1	0	0	0
Other electrical—unclassified	69	612,698	170,000	782,698
SUBTOTAL	85	708,550	170,500	879,050
Smoker's Material & Open Flames				
Smoker's material	82	874,166	175,225	1,049,391
Match, lighter (not used in conjunction with smoking)	16	279,025	35,650	314,675
Lamp	1	747	665	1,412
Candle, taper	5	68,836	0	68,836

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Cutting Torch	6	85,000	85	85,085
Welding Equipment	8	603,500	556,157	1,159,657
Torch (other than cutting, welding)	17	147,981	400	148,381
Hot ashes, embers	27	230,632	71,248	301,880
Smoker's Material or Open Flames—unclassified	29	159,716	450	160,166
SUBTOTAL	191	2,449,603	839,880	3,289,483
Exposure				
Structure; attached	1	693	100	793
Structure; detached	12	36,560	1,700	38,260
Lumber yard	0	0	0	0
Outside storage container, tank	0	0	0	0
Open fire (campfire, bonfire, warning flare, rubbish fire, open incinerator)	3	50	1,500	1,550
Forest, trees	0	0	0	0
Grass, shrub, brush, scrub	8	21,428	1,046	22,474
Exposure, unclassified	4	100	0	100
SUBTOTAL	28	58,831	4,346	63,177

TABLE VI

BREAKDOWN OF FIRES BY IGNITING OBJECT
(April 1, 1987 to March 31, 1988)
Continued

Igniting Object	No. of Fires	Insured Loss	Uninsured Loss	Total
Miscellaneous				
Internal combustion engine—exhaust system	12	36,022	0	36,022
Heat treatment equipment—furnace, oven, quench tank, casting, molding, forging	1	945	100	1,045
Industrial oven—includes kiln	0	0	0	0
Printing equipment	0	0	0	0
Explosives	0	0	0	0
Fireworks	0	0	0	0
Bearing, belting, conveyor, brake	0	0	0	0
Machinery, equipment; commercial & industrial	2	4,100	0	4,100
Chemical reaction	6	18,230	0	18,230
Ignition object—unclassified/cannot be determined	805	8,165,809	431,978	8,597,787
SUBTOTAL	826	8,225,106	432,078	87,657,184
TOTAL	2,323	$17,803,500	$2,165,410	$19,968,910

TABLE VII

BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1987 to March 31, 1988)

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Arson or "Set Fires"				
Arson	3	$ 37,000	$ 1,000	$ 38,000
Suspected Incendiary	227	2,068,879	130,250	2,199,129
SUBTOTAL	230	2,105,879	131,250	2,237,129
Misuse of Source of Ignition				
Smoker's Material	73	868,416	145,325	1,013,741
Thawing	0	0	0	0
Inadequate control of "open fire"	11	59,262	800	60,062
Child playing with	18	308,925	65,350	374,275
Welding or cutting too close to	6	530,500	580,000	1,110,500
Torch too close to	4	18,150	0	18,150
Misuse of source of ignition—unclassified	39	310,324	26,044	336,368
SUBTOTAL	151	2,095,577	817,519	2,913,096
Misuse of Material Ignited				
Fuel spilled accidentally	9	57,145	20,200	77,345
Improper fuelling technique	4	100	0	100
Flammable liquid to kindle fire	1	1,000	0	1,000
Cleaning, washing parts	1	1,000	0	1,000

TABLE VII

BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1987 to March 31, 1988)
Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Improper container: metal, plastic	0	0	0	0
Overheated cooking oil, grease, wax	110	571,761	62,310	634,071
Combustible placed too close to heat	47	543,779	62,964	606,743
Improper storage	1	0	0	0
Misuse of material ignited—unclassified	16	72,436	400	72,836
SUBTOTAL	189	1,247,221	145,874	1,393,095
Mechanical/Electrical Failure/ Malfunction				
Part failure, leak, break	37	68,745	3,900	72,645
Automatic control failure	1	2,500	0	2,500
Manual control failure	0	0	0	0
Electrical short circuit	87	864,625	123,402	988,027
Part worn out	5	20,600	0	20,600
Mechanical/electrical failure/malfunction—unclassified	186	2,220,068	290,609	2,510,677
SUBTOTAL	316	3,176,538	417,911	3,594,449

TABLE VII

BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1987 to March 31, 1988)
Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Construction, Design or Installation Deficiency				
Design deficiency	0	0	0	0
Construction deficiency	6	92,000	0	92,000
Installed too close to combustible	13	231,874	27,224	259,098
Other installation deficiency	5	33,510	18,410	51,920
Overfusing	0	0	0	0
Suspected faulty connections involving aluminum wiring	0	0	0	0
Suspected faulty connections involving copper wiring	0	0	0	0
Construction, design or installation deficiency—unclassified	6	87,730	13,400	101,130
SUBTOTAL	30	445,114	59,034	504,148
Misuse of Equipment				
Overfuelling	0	0	0	0
Misuse of equipment—unclassified	8	144,388	100	144,488
SUBTOTAL	8	144,388	100	144,488

TABLE VII

BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1987 to March 31, 1988)
Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Human Failing				
Asleep	4	18,300	0	18,300
Temporary loss of judgement suspected (includes panic)	0	0	0	0
Physical or mental disability	0	0	0	0
Accident	11	210,052	600	210,652
Suspected impairment by use of alcohol, drugs or medication	0	0	0	0
Asleep—suspected use of alcohol, drugs or medication	0	0	0	0
Ignorance of hazard	385	367,489	15,347	382,836
Distracted, preoccupied	1	1,854	0	1,854
Human failing—unclassified	12	28,600	100	28,700
SUBTOTAL	413	626,295	16,047	642,342
Vehicle Accident				
Automobile	4	0	0	0
Industrial truck	0	0	0	0
Other road vehicle	0	0	0	0

TABLE VII

BREAKDOWN OF FIRES BY ACT OR OMISSION
(April 1, 1987 to March 31, 1988)
Continued

Act or Omission	No. of Fires	Insured Loss	Uninsured Loss	Total
Rail vehicle	0	0	0	0
Watercraft	0	0	0	0
Aircraft	0	0	0	0
Vehicle accident—unclassified	0	0	0	0
SUBTOTAL	4	0	0	0
Miscellaneous				
Miscellaneous—unclassified	982	7,962,488	577,675	8,541,163
SUBTOTAL	982	7,962,488	577,675	8,541,163
TOTAL	2,323	$17,803,500	$2,165,410	$19,968,910

TABLE VIII
FIRES WHERE MONETARY LOSSES EXCEEDED $500,000
(April 1, 1987 to March 31, 1988)

No.	Location	Date	Classification	Amount	Listed Cause
1.	No. 7 Highway Halifax Co.	April 2, 1987	Hardware Sales	$1,537,000	Undetermined
2.	Enfield Hants Co.	March 14, 1988	Lumber Company	1,040,000	Spark from a Welding Torch
		Total		$2,577,000	

TABLE IX

DEATHS & INJURIES FROM FIRE
TEN YEAR PERIOD
(April 1, 1978 to March 31, 1988)

	Deaths				Injuries				
Year	Men	Women	Children	Total	Men	Women	Children	Firefighters	Total
1978–79	27	1	2	30	36	24	7	89	156
1979–80	11	8	11	30	40	16	15	95	166
1980–81	13	3	19	35	22	16	12	56	106
1981–82	13	2	6	21	35	14	7	75	131
1982–83	27	12	7	46	32	9	16	48	105
1983–84	11	5	10	26	29	12	8	24	73
1984–85	6	5	3	14	18	14	7	25	64
1985–86	11	5	1	17	26	17	0	52	95
1986–87	15	4	1	20	22	17	3	71	113
1987–88	24	11	1	36	24	8	5	36	73
Total	158	56	61	275	284	147	80	571	1,082
Average per year	16	6	6	28	28	15	8	57	108

TABLE X

MONETARY LOSSES DUE TO FIRE
TEN YEAR PERIOD
(April 1, 1978 to March 31, 1988)

Year	No. of Fires	Losses		
		Insured	Uninsured	Total
1978–79	2,274	$ 15,190,858	$ 116,480	$ 15,307,338
1979–80	2,685	14,985,083	58,575	15,043,658
1980–81	3,057	34,562,831	145,792	34,708,623
1981–82	2,870	37,266,230	3,028,360	40,294,590
1982–83	2,589	28,241,772	923,134	29,164,906
1983–84	2,634	17,080,623	620,903	17,701,526
1984–85	2,824	21,481,525	669,827	22,151,352
1985–86	2,506	21,630,961	4,822,321	26,453,282
1986–87	2,450	21,453,014	1,333,718	22,786,732
1987–88	2,323	17,803,500	2,165,410	19,968,910
Total	26,212	$229,696,397	$13,884,520	$243,580,917